Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A cementing slurry comprising:
   - an aluminous cement the alumina content of which is at least 30%;
   - a microsilica with a granulometry in the range 0.1 to 20 μm the percentage of which is less than 35% by weight with respect to the weight of cement;
   - mineral particles with a granulometry in the range 0.5 to 500 μm the percentage of which is less than 35% by weight with respect to the cement, the percentage of said particles remaining below the percentage of said microsilica;
   - a hydrosoluble fluidifying agent the percentage of which is in the range 0.2% to 3% with respect to the weight of cement;
   - a retarding agent to control the setting time of the slurry;
   - water in a quantity of at most 40% with respect to the cement.
2. (Original) A slurry according to claim 1, in which the hydrosoluble polymer is a polynaphthalene sulphonate and/or a polyxyethylene polycarboxylate.
3. (Currently Amended) A slurry according to ~~one of the preceding claims~~ claim 1, in which the water content is below 30%, in particular equal to 27%.
4. (Currently Amended) A slurry according to ~~one of the preceding claims~~

claim 1, further comprising a quantity, in aqueous solution, of at least one associative polymer containing hydrophilic motifs Hy and hydrophobic motifs Hb containing C1 to C30 alkyl, aryl or alkyl-aryl groups.

5. (Original) A slurry according to claim 4, in which said polymer has a molecular mass in the range 10^4 to 5 x 10^6 daltons and a number of hydrophobic motifs Hb in the range 0.5% to 60%.

6. (Currently Amended) A slurry according to ~~one of the preceding claims~~ claim 1, comprising (with respect to the weight of cement):

- 24% of microsilica;
- 20% of mineral particles;
- 0.5% of fluidifying polymer.

7. (Currently Amended) A slurry according to ~~one of claims 4 to 6~~ claim 4, comprising 0.5% of associative polymer.

8. (Currently Amended) ~~Use of~~A method for using a slurry ~~according to one of the preceding claims, to cement~~, comprising cementing a well in an acidic environment with the slurry according to claim 1.